

# ACKNOWLEDGEMENT RECEIPT

Electronic Version 1.1

Stylesheet Version v1.1.1

<b>Title of Invention</b>	METHOD AND APPARATUS FOR STORAGE DEVICE READ PHASE AUTO-CALIBRATION																																																																																																						
Submission Type :	Utility Patent Filing																																																																																																						
Application Number:	10/711442																																																																																																						
EFS ID:	68771																																																																																																						
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>5441</td></tr><tr><td>USPTOEFSNot</td><td>For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a></td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	5441	USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a>																																																																																												
Confirmation Code	Message																																																																																																						
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																						
ICON1	5441																																																																																																						
USPTOEFSNot	For assistance with e-filing a patent application, contact the Patent Electronic Business Center: Toll-Free Number:1(866) 217-9197 Website: <a href="http://www.uspto.gov/ebc/">http://www.uspto.gov/ebc/</a>																																																																																																						
First Named Applicant:	Yi-Shu Chang																																																																																																						
Attorney Docket Number:	REAP0045USA																																																																																																						
Timestamp:	2004-09-19 23:09:22 EDT																																																																																																						
From:	US																																																																																																						
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-ids</td><td>REAP0045-0-A1-usidst.xml</td><td>720</td><td>2004-09-19</td></tr><tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td><td>2004-09-19</td></tr><tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td><td>2004-09-19</td></tr><tr><td>us-power-of-attorney-grant</td><td>REAP0045-0-A1-uspoat.xml</td><td>934</td><td>2004-09-19</td></tr><tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2004-09-19</td></tr><tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xsl</td><td>12448</td><td>2004-09-19</td></tr><tr><td>us-assignment</td><td>REAP0045-0-A1-usassn.xml</td><td>1888</td><td>2004-09-19</td></tr><tr><td>us-assignment</td><td>us-assignment.xsl</td><td>11263</td><td>2004-09-19</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>11123</td><td>2004-09-19</td></tr><tr><td>us-assignment</td><td>REAP0045-0-A1ASS1.tif</td><td>73672</td><td>2004-09-19</td></tr><tr><td>us-assignment</td><td>REAP0045-0-A1ASS2.tif</td><td>52970</td><td>2004-09-19</td></tr><tr><td>us-request</td><td>REAP0045-0-A1-usrequ.xml</td><td>1947</td><td>2004-09-19</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-09-19</td></tr><tr><td>us-request</td><td>us-request.xsl</td><td>33904</td><td>2004-09-19</td></tr><tr><td>us-declaration</td><td>REAP0045-0-A1-usdecl.xml</td><td>812</td><td>2004-09-19</td></tr><tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2004-09-19</td></tr><tr><td>us-declaration</td><td>us-declaration.xsl</td><td>10015</td><td>2004-09-19</td></tr><tr><td>us-fee-sheet</td><td>REAP0045-0-A1-usfees.xml</td><td>1902</td><td>2004-09-19</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2004-09-19</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-09-19</td></tr><tr><td>us-declaration</td><td>REAP0045-0-A1DEC1.tif</td><td>87602</td><td>2004-09-19</td></tr><tr><td>us-declaration</td><td>REAP0045-0-A1DEC2.tif</td><td>53536</td><td>2004-09-19</td></tr><tr><td>application-body</td><td>REAP0045-0-A1-ABX.xml</td><td>15313</td><td>2004-09-19</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-09-19</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-ids	REAP0045-0-A1-usidst.xml	720	2004-09-19	us-ids	us-ids.dtd	7763	2004-09-19	us-ids	us-ids.xsl	12026	2004-09-19	us-power-of-attorney-grant	REAP0045-0-A1-uspoat.xml	934	2004-09-19	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2004-09-19	us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2004-09-19	us-assignment	REAP0045-0-A1-usassn.xml	1888	2004-09-19	us-assignment	us-assignment.xsl	11263	2004-09-19	us-assignment	us-assignment.dtd	11123	2004-09-19	us-assignment	REAP0045-0-A1ASS1.tif	73672	2004-09-19	us-assignment	REAP0045-0-A1ASS2.tif	52970	2004-09-19	us-request	REAP0045-0-A1-usrequ.xml	1947	2004-09-19	us-request	us-request.dtd	19064	2004-09-19	us-request	us-request.xsl	33904	2004-09-19	us-declaration	REAP0045-0-A1-usdecl.xml	812	2004-09-19	us-declaration	us-declaration.dtd	3833	2004-09-19	us-declaration	us-declaration.xsl	10015	2004-09-19	us-fee-sheet	REAP0045-0-A1-usfees.xml	1902	2004-09-19	us-fee-sheet	us-fee-sheet.xsl	24912	2004-09-19	us-fee-sheet	us-fee-sheet.dtd	11069	2004-09-19	us-declaration	REAP0045-0-A1DEC1.tif	87602	2004-09-19	us-declaration	REAP0045-0-A1DEC2.tif	53536	2004-09-19	application-body	REAP0045-0-A1-ABX.xml	15313	2004-09-19	application-body	application-body.dtd	49498	2004-09-19
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																				
us-ids	REAP0045-0-A1-usidst.xml	720	2004-09-19																																																																																																				
us-ids	us-ids.dtd	7763	2004-09-19																																																																																																				
us-ids	us-ids.xsl	12026	2004-09-19																																																																																																				
us-power-of-attorney-grant	REAP0045-0-A1-uspoat.xml	934	2004-09-19																																																																																																				
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2004-09-19																																																																																																				
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2004-09-19																																																																																																				
us-assignment	REAP0045-0-A1-usassn.xml	1888	2004-09-19																																																																																																				
us-assignment	us-assignment.xsl	11263	2004-09-19																																																																																																				
us-assignment	us-assignment.dtd	11123	2004-09-19																																																																																																				
us-assignment	REAP0045-0-A1ASS1.tif	73672	2004-09-19																																																																																																				
us-assignment	REAP0045-0-A1ASS2.tif	52970	2004-09-19																																																																																																				
us-request	REAP0045-0-A1-usrequ.xml	1947	2004-09-19																																																																																																				
us-request	us-request.dtd	19064	2004-09-19																																																																																																				
us-request	us-request.xsl	33904	2004-09-19																																																																																																				
us-declaration	REAP0045-0-A1-usdecl.xml	812	2004-09-19																																																																																																				
us-declaration	us-declaration.dtd	3833	2004-09-19																																																																																																				
us-declaration	us-declaration.xsl	10015	2004-09-19																																																																																																				
us-fee-sheet	REAP0045-0-A1-usfees.xml	1902	2004-09-19																																																																																																				
us-fee-sheet	us-fee-sheet.xsl	24912	2004-09-19																																																																																																				
us-fee-sheet	us-fee-sheet.dtd	11069	2004-09-19																																																																																																				
us-declaration	REAP0045-0-A1DEC1.tif	87602	2004-09-19																																																																																																				
us-declaration	REAP0045-0-A1DEC2.tif	53536	2004-09-19																																																																																																				
application-body	REAP0045-0-A1-ABX.xml	15313	2004-09-19																																																																																																				
application-body	application-body.dtd	49498	2004-09-19																																																																																																				

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	image1.tif	675265	2004-09-19
application-body	image2.tif	315865	2004-09-19
application-body	soamsa.ent	5191	2004-09-19
application-body	soamsb.ent	3988	2004-09-19
application-body	soamsc.ent	1460	2004-09-19
application-body	soamsn.ent	5620	2004-09-19
application-body	soamso.ent	1934	2004-09-19
application-body	soamsr.ent	7073	2004-09-19
application-body	sobox.ent	3568	2004-09-19
application-body	socyr1.ent	5345	2004-09-19
application-body	socyr2.ent	2504	2004-09-19
application-body	sodia.ent	1508	2004-09-19
application-body	sogrk1.ent	4030	2004-09-19
application-body	sogrk2.ent	2259	2004-09-19
application-body	sogrk3.ent	3559	2004-09-19
application-body	sogrk4.ent	1920	2004-09-19
application-body	solat1.ent	5282	2004-09-19
application-body	solat2.ent	9007	2004-09-19
application-body	isomfrk.ent	4553	2004-09-19
application-body	isomopf.ent	2571	2004-09-19
application-body	isomscr.ent	4628	2004-09-19
application-body	isomun.ent	5913	2004-09-19
application-body	isopub.ent	6621	2004-09-19
application-body	isotech.ent	5268	2004-09-19
application-body	mathml2.dtd	54588	2004-09-19
application-body	mathml2-qname-1.mod	13225	2004-09-19
application-body	rmlalias.ent	38209	2004-09-19
application-body	mmlextra.ent	7901	2004-09-19
application-body	soextbx.dtd	12870	2004-09-19
application-body	us-application-body.xsl	82504	2004-09-19
application-body	wipo.ent	4956	2004-09-19
application-body-pdf-wrap	REAP0045-0-A1-ABX-pdf-wrap.xml	773	2004-09-19
abstract-pdf	REAP0045-0-A1-ABX-abst.pdf	12042	2004-09-19
claims-pdf	REAP0045-0-A1-ABX-clsms.pdf	19227	2004-09-19
description-pdf	REAP0045-0-A1-ABX-desc.pdf	35041	2004-09-19
drawings-pdf	REAP0045-0-A1-ABX-draw.pdf	37964	2004-09-19
package-data	REAP0045-0-A1-pkda.xml	10573	2004-09-19
package-data	package-data.dtd	27025	2004-09-19
package-data	us-package-data.xsl	19263	2004-09-19

Total files size 1964230

Message Digest:

68104ed12b75e33ca0153ef285c2bda1a5cc3cca

Digital Certificate Holder Name:

cn=Winston Hsu,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,ou=U.S.  
Government,c=US